

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135854.D
 Acq On : 18 Oct 2023 18:42
 Operator : CG\JU
 Sample : 04723-03DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6ADL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/19/2023
 Supervised By :mohammad ahmed 10/20/2023

Quant Time: Oct 18 19:03:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	91257	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	342524	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	173475	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	352455	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	170821	20.000	ng	-0.01
86) Perylene-d12	15.415	264	181623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	47356m	8.343	ng	0.02
7) Phenol-d6	6.410	99	48373	6.830	ng	0.01
23) Nitrobenzene-d5	7.304	82	139879	22.460	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	60515	36.353	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	314164	28.315	ng	-0.01
79) Terphenyl-d14	12.863	244	269463	29.213	ng	-0.02
Target Compounds						
						Qvalue
17) 2-Methylphenol	7.016	107	14604	2.756	ng	# 85
20) 3+4-Methylphenols	7.181	107	23384	3.540	ng	# 84
31) Naphthalene	8.039	128	973128	58.247	ng	98
37) 2-Methylnaphthalene	8.733	142	94409	8.577	ng	99
38) 1-Methylnaphthalene	8.833	142	50488	4.973	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

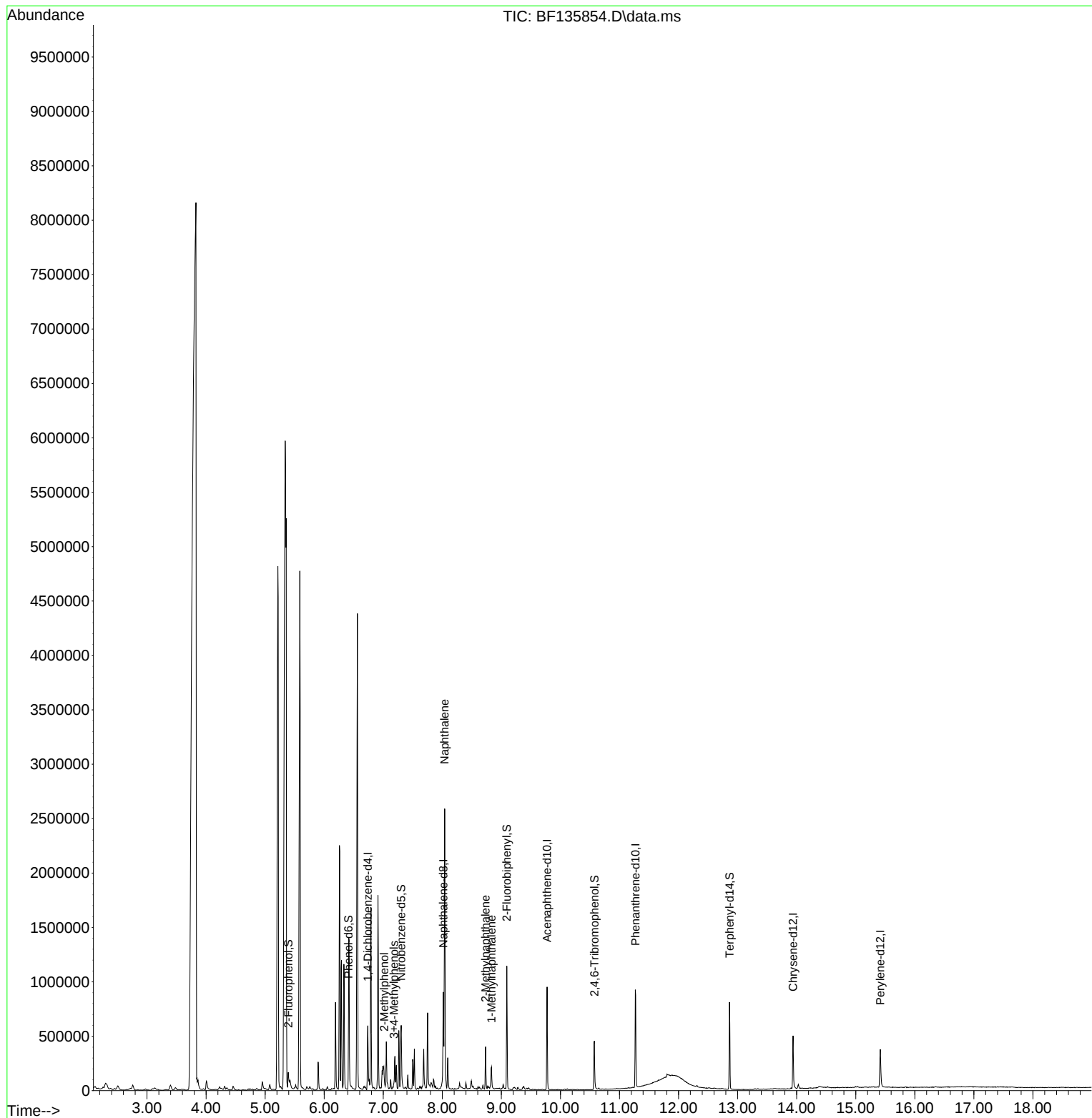
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
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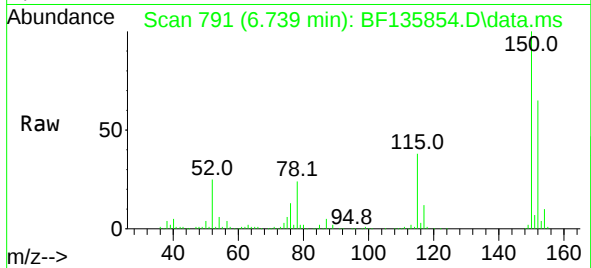
Quant Time: Oct 18 19:03:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135854.D
Acq: 18 Oct 2023 18:42

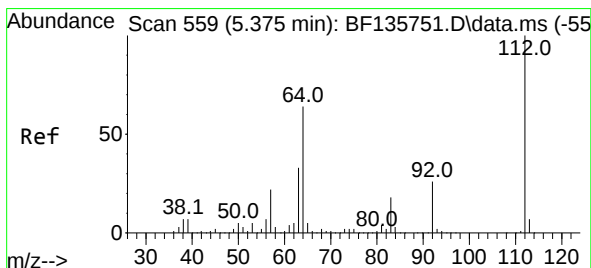
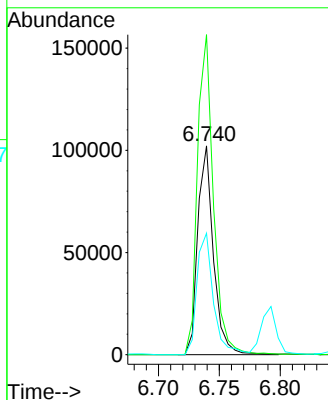
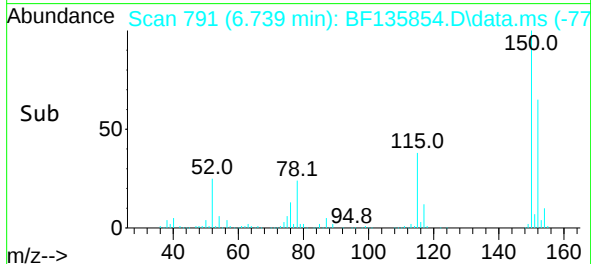
Instrument :
BNA_F
ClientSampleId :
MW-6ADL



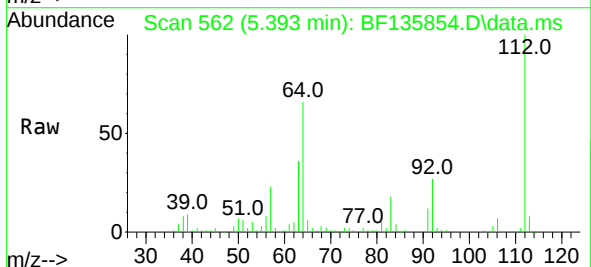
Tgt Ion:152 Resp: 9125
Ion Ratio Lower Upper
152 100
150 153.3 124.5 186.7
115 58.1 49.0 73.4

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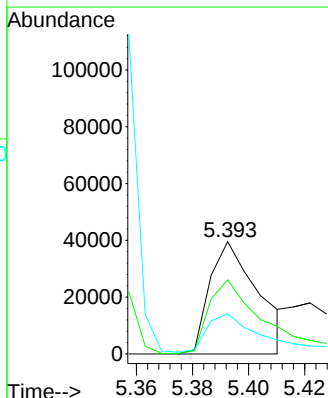
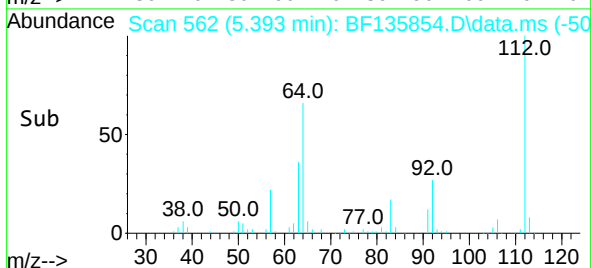
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

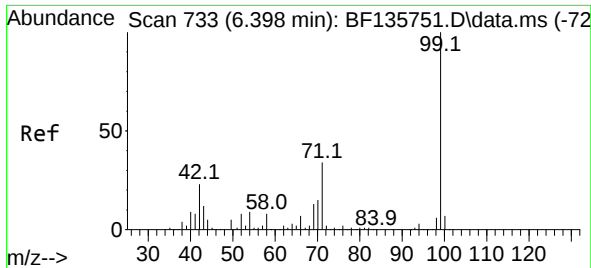


#5
2-Fluorophenol
Concen: 8.343 ng m
RT: 5.393 min Scan# 562
Delta R.T. 0.018 min
Lab File: BF135854.D
Acq: 18 Oct 2023 18:42



Tgt Ion:112 Resp: 47356
Ion Ratio Lower Upper
112 100
64 65.9 51.2 76.8
63 35.8 26.1 39.1





#7

Phenol-d6

Concen: 6.830 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF135854.D

Acq: 18 Oct 2023 18:42

Instrument :

BNA_F

ClientSampleId :

MW-6ADL

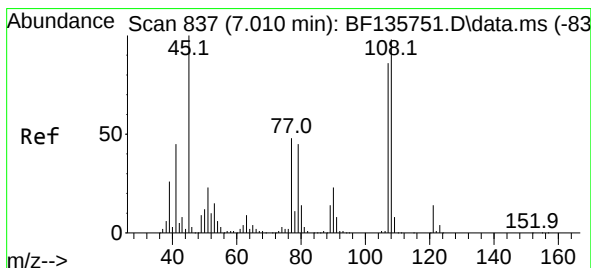
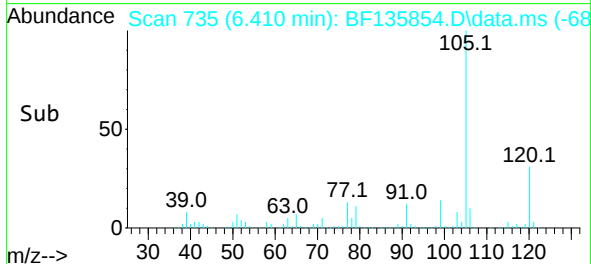
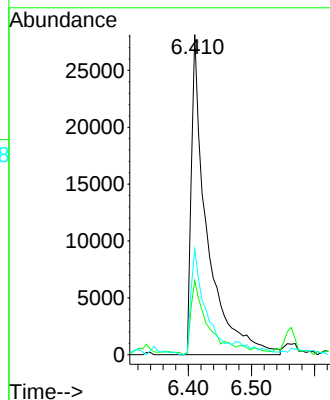
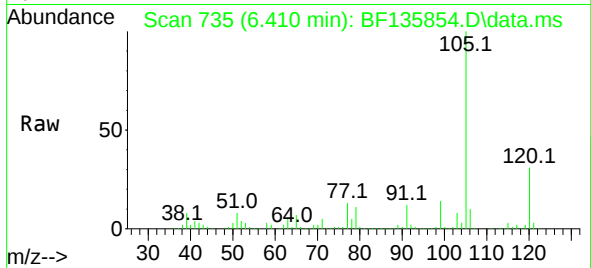
Tgt Ion:	99	Resp:	4837
Ion Ratio	Lower	Upper	
99	100		
42	23.1	18.4	27.6
71	32.9	27.2	40.8

Manual Integrations

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#17

2-Methylphenol

Concen: 2.756 ng

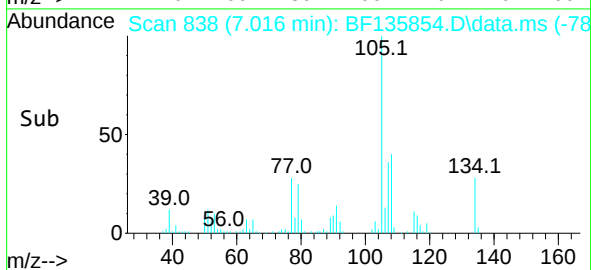
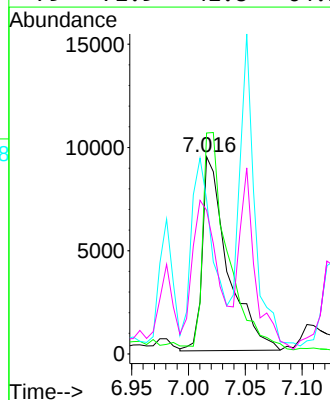
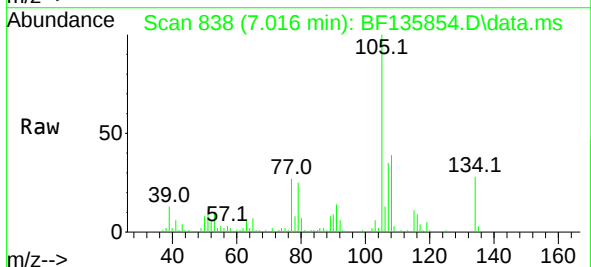
RT: 7.016 min Scan# 838

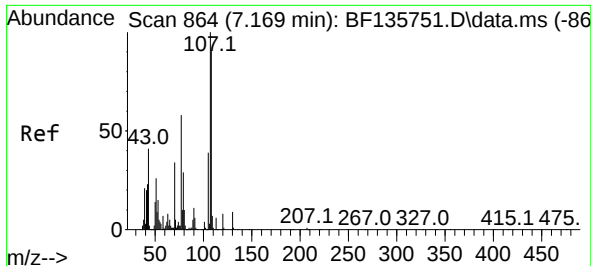
Delta R.T. -0.000 min

Lab File: BF135854.D

Acq: 18 Oct 2023 18:42

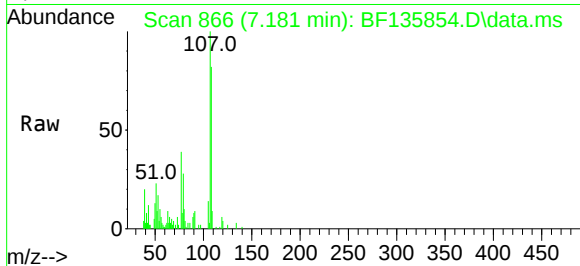
Tgt Ion:	107	Resp:	14604
Ion Ratio	Lower	Upper	
107	100		
108	112.1	91.8	137.6
77	78.4	45.4	68.0#
79	72.9	42.8	64.2#





#20
3+4-Methylphenols
Concen: 3.540 ng
RT: 7.181 min Scan# 80
Delta R.T. 0.012 min
Lab File: BF135854.D
Acq: 18 Oct 2023 18:42

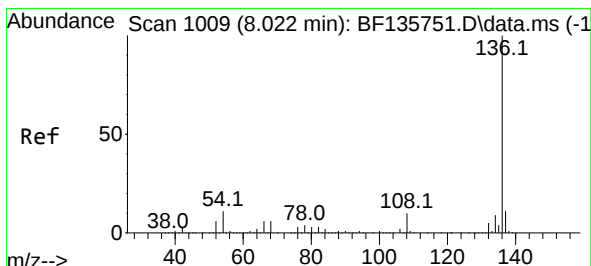
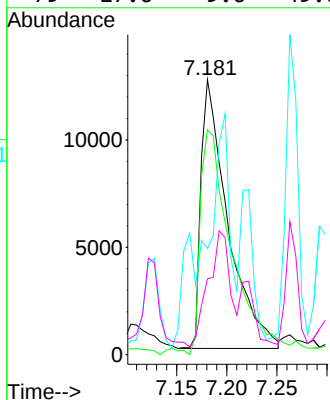
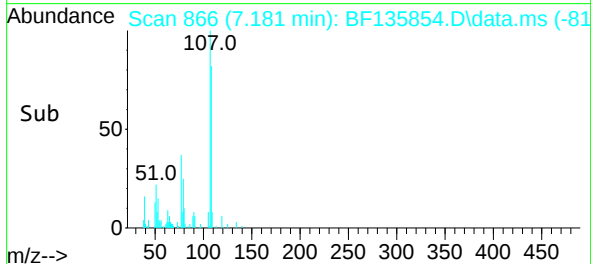
Instrument :
BNA_F
ClientSampleId :
MW-6ADL



Tgt Ion:107 Resp: 23384
Ion Ratio Lower Upper
107 100
108 81.8 71.1 111.1
77 38.6 42.0 82.0
79 27.6 9.6 49.6

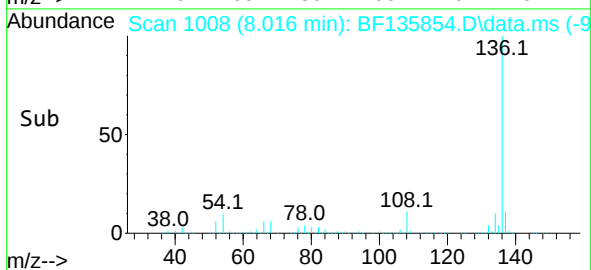
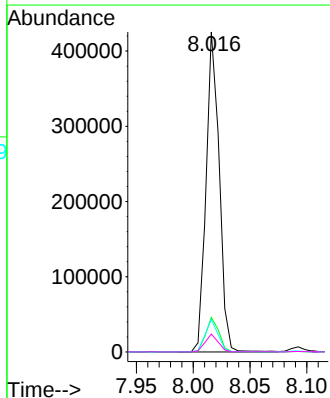
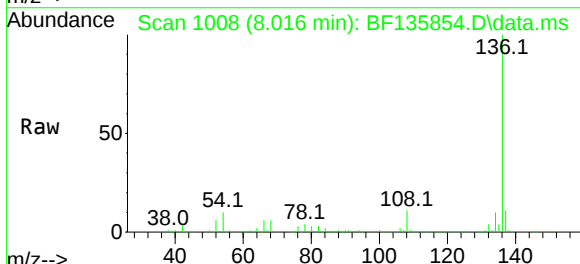
Manual Integrations
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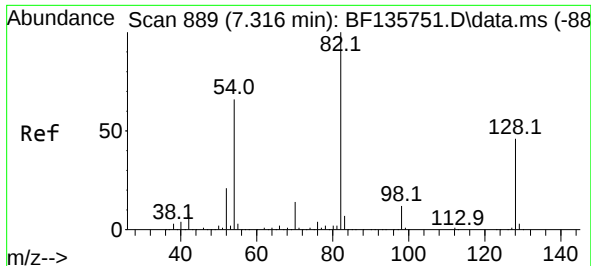
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135854.D
Acq: 18 Oct 2023 18:42

Tgt Ion:136 Resp: 342524
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.1 8.5 12.7
68 5.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 22.460 ng

RT: 7.304 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF135854.D

Acq: 18 Oct 2023 18:42

Instrument :

BNA_F

ClientSampleId :

MW-6ADL

Tgt Ion: 82 Resp: 139879

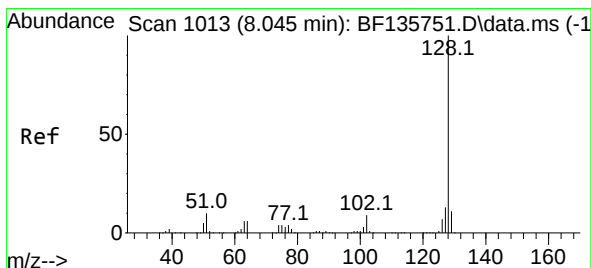
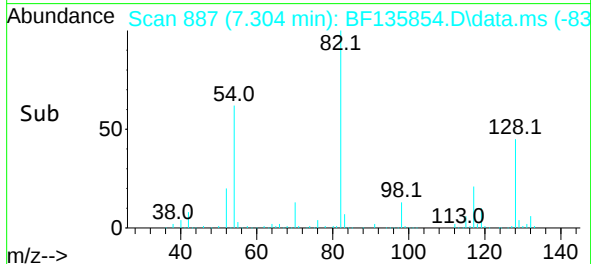
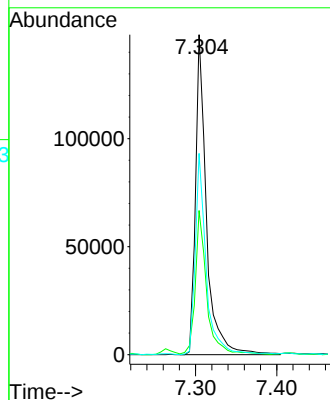
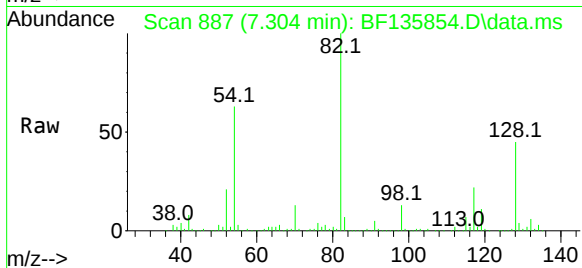
Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.0	55.6
54	62.9	52.8	79.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#31

Naphthalene

Concen: 58.247 ng

RT: 8.039 min Scan# 1012

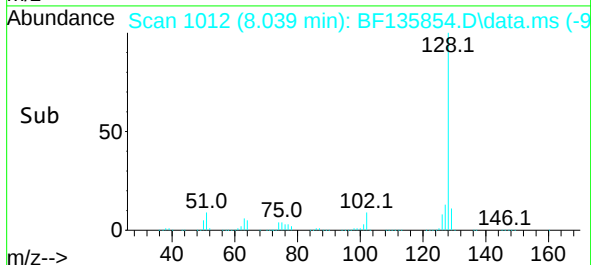
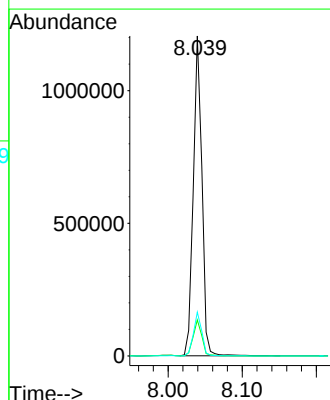
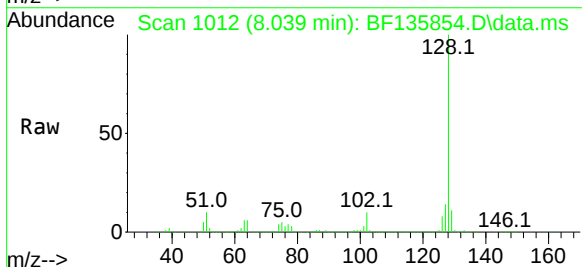
Delta R.T. -0.006 min

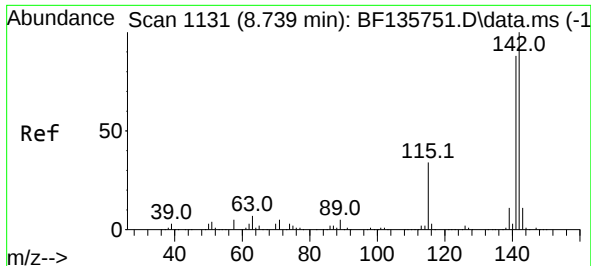
Lab File: BF135854.D

Acq: 18 Oct 2023 18:42

Tgt Ion:128 Resp: 973128

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.7	10.2	15.4





#37

2-Methylnaphthalene

Concen: 8.577 ng

RT: 8.733 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF135854.D

Acq: 18 Oct 2023 18:42

Instrument :

BNA_F

ClientSampleId :

MW-6ADL

Tgt Ion:142 Resp: 94409

Ion Ratio Lower Upper

142 100

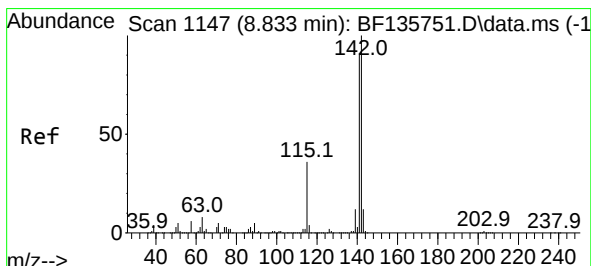
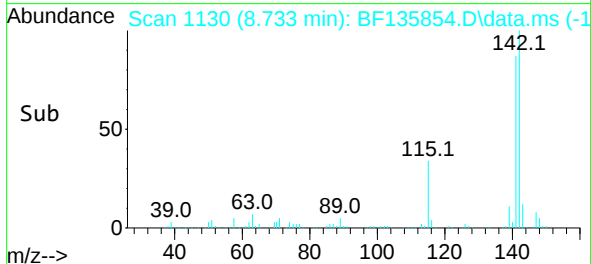
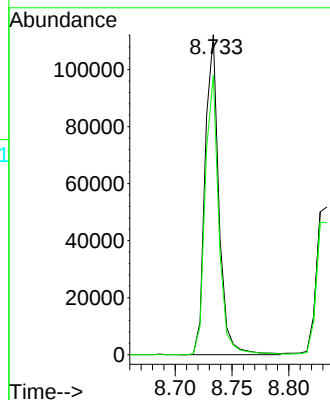
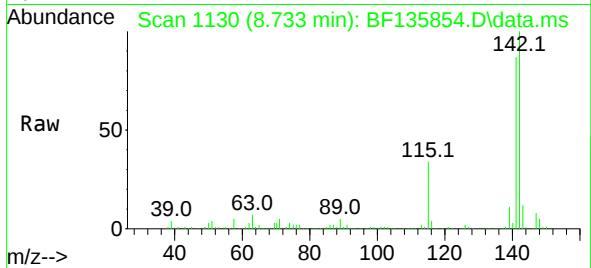
141 87.3 70.6 105.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#38

1-Methylnaphthalene

Concen: 4.973 ng

RT: 8.833 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF135854.D

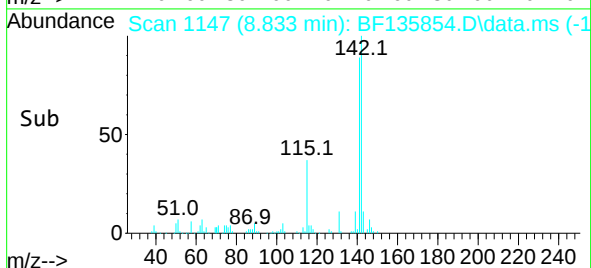
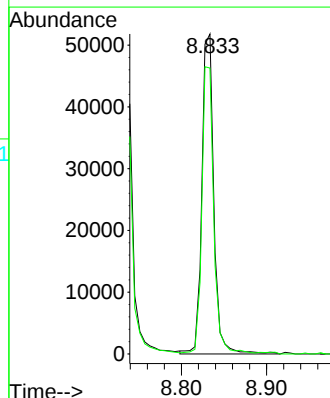
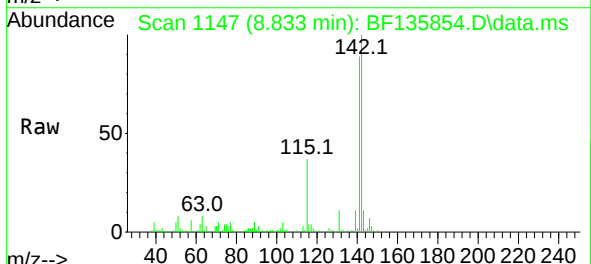
Acq: 18 Oct 2023 18:42

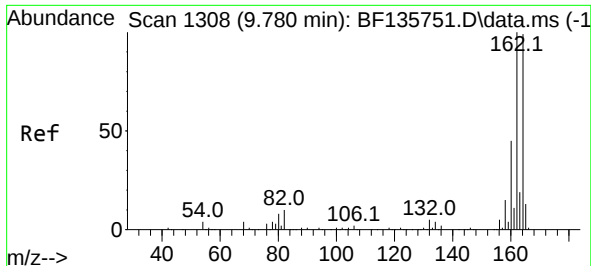
Tgt Ion:142 Resp: 50488

Ion Ratio Lower Upper

142 100

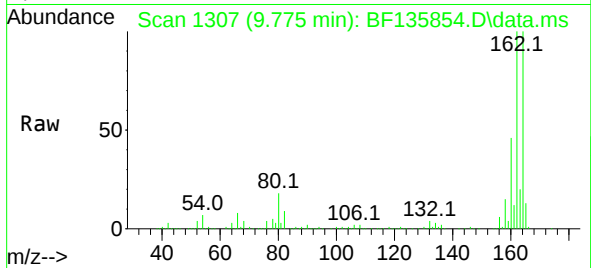
141 89.4 72.7 109.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135854.D
Acq: 18 Oct 2023 18:42

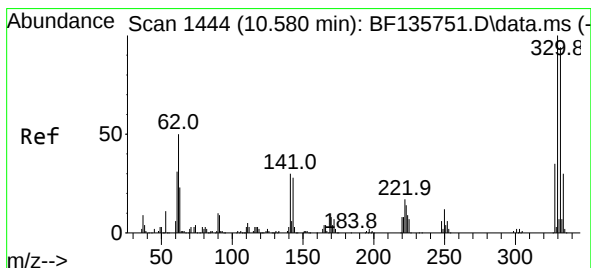
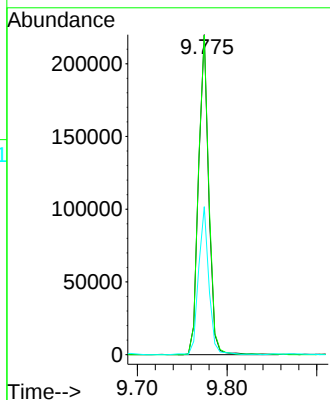
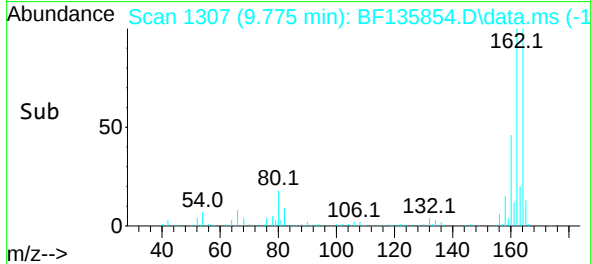
Instrument :
BNA_F
ClientSampleId :
MW-6ADL



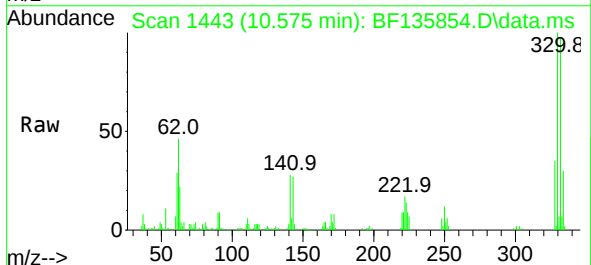
Tgt Ion:164 Resp: 173475
Ion Ratio Lower Upper
164 100
162 99.9 80.8 121.2
160 46.3 36.6 54.8

Manual Integrations
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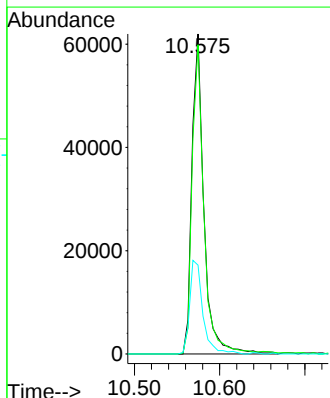
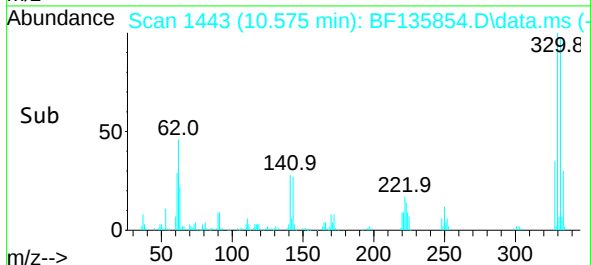
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

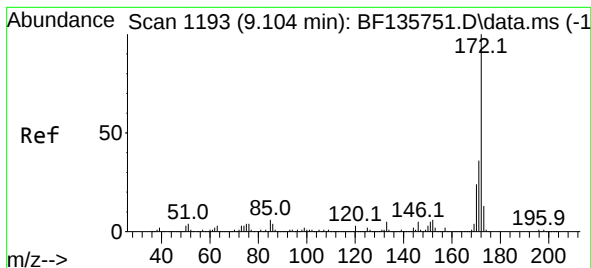


#42
2,4,6-Tribromophenol
Concen: 36.353 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135854.D
Acq: 18 Oct 2023 18:42



Tgt Ion:330 Resp: 60515
Ion Ratio Lower Upper
330 100
332 95.2 75.0 112.4
141 32.1 25.8 38.6





#45

2-Fluorobiphenyl

Concen: 28.315 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135854.D

Acq: 18 Oct 2023 18:42

Instrument :

BNA_F

ClientSampleId :

MW-6ADL

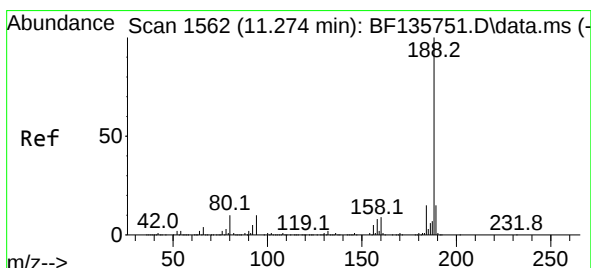
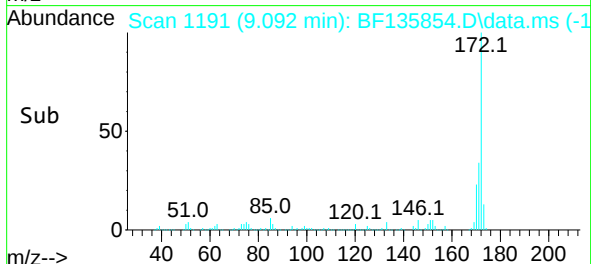
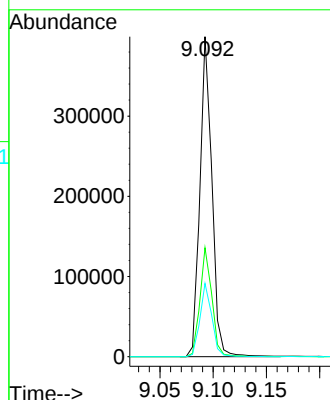
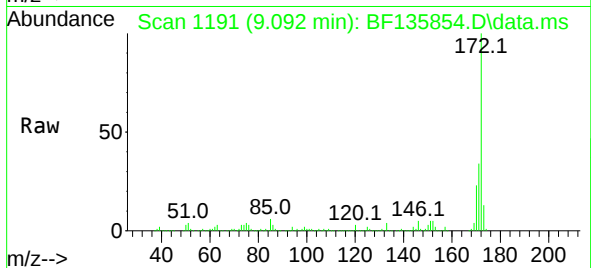
Tgt Ion:	172	Resp:	314164
Ion Ratio	Lower	Upper	
172	100		
171	34.0	28.4	42.6
170	22.9	18.8	28.2

Manual Integrations

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Supervised By :mohammad ahmed 10/20/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

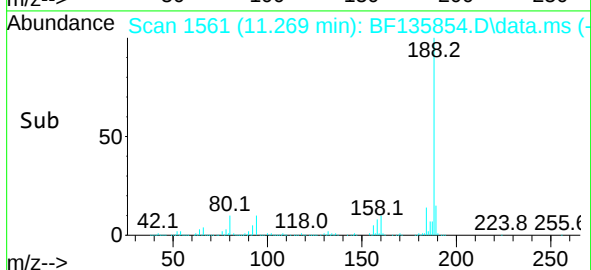
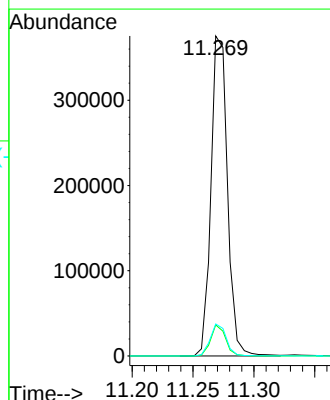
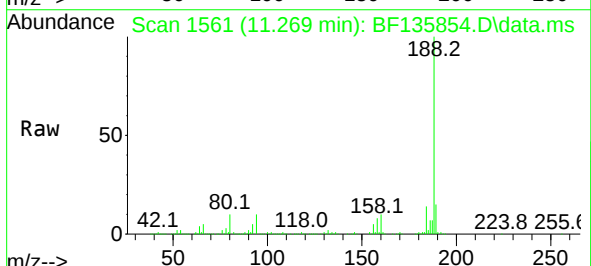
RT: 11.269 min Scan# 1561

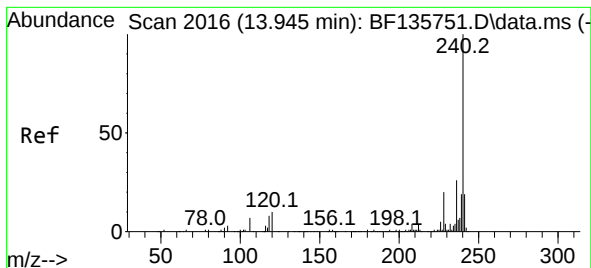
Delta R.T. -0.012 min

Lab File: BF135854.D

Acq: 18 Oct 2023 18:42

Tgt Ion:	188	Resp:	352455
Ion Ratio	Lower	Upper	
188	100		
94	9.7	8.0	12.0
80	10.0	8.3	12.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF135854.D

Acq: 18 Oct 2023 18:42

Instrument :

BNA_F

ClientSampleId :

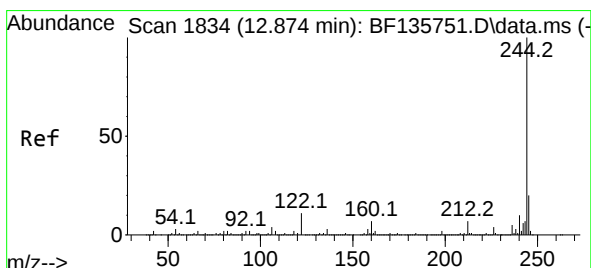
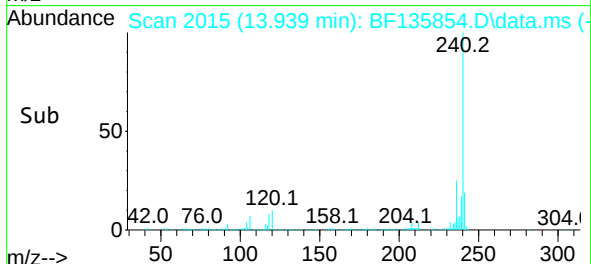
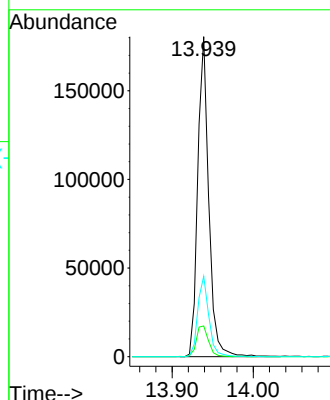
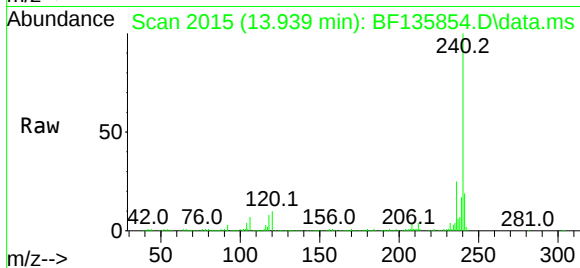
MW-6ADL

Tgt Ion:240 Resp: 17082
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.2 12.2
 236 25.2 21.2 31.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023
 Supervised By :mohammad ahmed 10/20/2023



#79

Terphenyl-d14

Concen: 29.213 ng

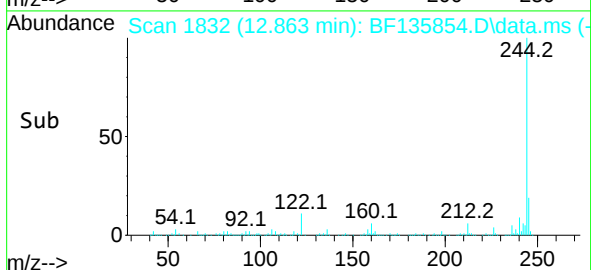
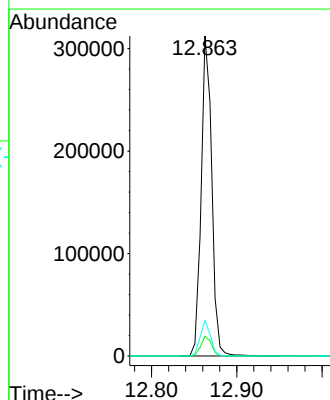
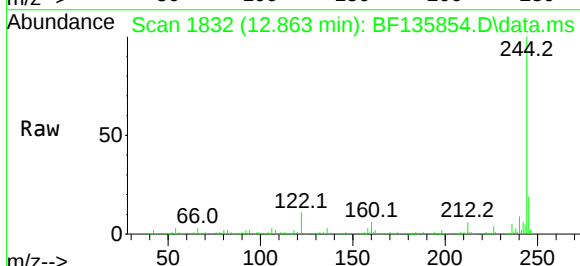
RT: 12.863 min Scan# 1832

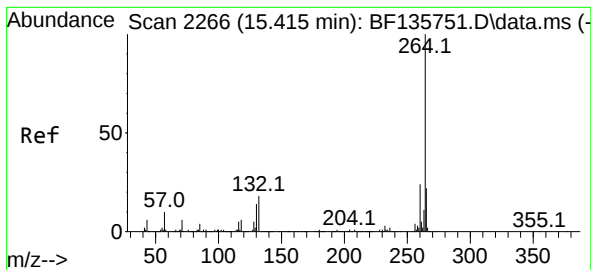
Delta R.T. -0.018 min

Lab File: BF135854.D

Acq: 18 Oct 2023 18:42

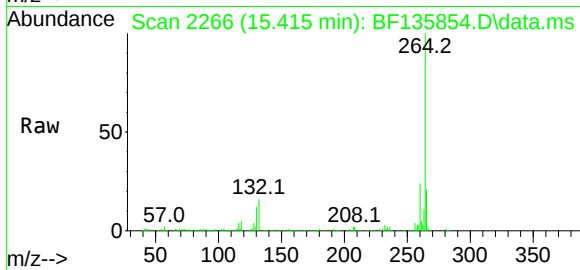
Tgt Ion:244 Resp: 269463
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.6 8.4
 122 11.0 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF135854.D
 Acq: 18 Oct 2023 18:42

Instrument :
 BNA_F
 ClientSampleId :
 MW-6ADL



Tgt Ion:264 Resp: 181623
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.0 17.4 26.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/19/2023
 Supervised By :mohammad ahmed 10/20/2023

